5,073,235

5,223,096 5,227,228

5,245,025 5,277,761

5,364,504

5,401,557

5,503,715

5,506,030

5,525,397 5,529,664

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to resp	ond to a collection of information unless	it contains a valid OMP control number
Substitute for form 1449A/PTO	COMPL	ETE IF KNOWN
	Application Number	09/957,408 DEC 17
INFORMATION DISCLOSURE	Confirmation Number	4734 020 1 1 2001
STATEMENT BY APPLICANT	Filing Date	September 20,200
(use as many shee Qal (accessary)	First Named Inventor	Nicholas James Nissing
6.	Group Art Unit	1771
DEC 10.	Examiner Name	
SHEET 1 of 2 3 0207 5	Attorney Docket Number	7005R
U. S. PAT	ENT DOCUMENTS	

EXAMINER INITIALS*	Cite No.1	U.S. PATENT Number	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Wher Relevant Passages or Releva Figures Appear
EC.		3,301,746	1	Sanford et al.	01/31/1967	
		3,375,156		Edgar, jr.	03/26/1968	
		3,546,056		Thomas	12/08/1970	
	 	3,597,299		Thomas et al.	08/03/1971	
	 	3,615,976		Endres et al.	10/26/1971	
	· -	3,650,882		Thomas	03/21/1972	
	<u> </u>	3,673,026		S. R. Brown	06/27/1972	
		3,684,641		Murphy	08/15/1972	
		3,695,985		Brock et al.	10/03/1972	
		3,708,383		Thomas et al.	01/02/1973	
		3,709,750		Minshell	01/09/1973	
	 	3,755,062		Schirmer	08/28/1973	l
	 	3,925,127		Yoshioka	12/09/1975	
		3,929,135		Thompson	12/30/1975	
		3,953,638		Kemp	04/27/1976	
		3,994,771		Morgan et al.	11/30/1976	
		4,300,981		Carstens	11/17/1981	
		4,324,246		Mullane et al.	04/13/1982	
	1	4,342,314		Radel et al.	08/03/1982	
		4,429,014		Isner et al.	01/31/1984	
		4,440,597		Wells et al.	04/03/1984	
		4,463,045		Ahr et al.	07/31/1984	
		4,469,735		Trokhan	09/04/1984	
		4,522,863		Keck et al.	06/11/1985	
	1	4,525,407		Ness	06/25/1985	
		4,529,480		Trokhan	07/16/1985	
	T	4,637,819		Ouellette et al.	01/20/1987	
		4,637,859		Trokhan	01/20/1987	
		4,661,389		Mudge et al.	04/28/1987	
		4,695,422		Curro et al.	09/22/1987	
		4,778,644		Curro et al.	10/18/1988	
		4,839,216		Curro et al.	06/13/1989	
	1	4,847,134		Fahrenkrug et al.	07/11/1989	
	1	4,891,258		Fahrenkrug	01/02/1990	
	ļ	4,919,756		Sawdai	04/24/1990	
\neg	1	5,006,394	,	Baird	04/09/1991	
	 	E 072 225		Trokhan	12/17/1991	1

Trokhan

Phan et al. Newell

Trokhan et al.

Smurkoski et al.

Inomata et al.

Trokhan et al.

Landers et al.

Shizuno et al.

Trokhan et al.

Phan et al.

12/17/1991 06/29/1993

07/13/1993 09/14/1993

01/11/1994

11/15/1994

03/28/1995

04/02/1996

04/09/1996

06/11/1996

06/25/1996

Approved for use through 10/31/2002 OMB 0651-0031 demark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to resp	ond to a collection of information unles.	s it contains a valid OM Control as upper
Substitute for form 1449A/PTO	COMPL	ETE IF KNOWN
	Application Number	09/957,408 DEC 1 1
INFORMATION DISCLOSURE	Confirmation Number	4734 2007
STATEMENT BYPAPPLICANT	Filing Date	September 20 100 1700
(use as many sheets as necessary)	First Named Inventor	Nicholas James Nissing
/ ** ** ** ** ** ** ** ** ** ** ** ** **	Group Art Unit	1771
(DEC 1 0 2001 m)	Examiner Name	
SHEET 2 of 2	Attorney Docket Number	7005R
PANEL U. S. PATEN	T DOCUMENTS (cont.)	

21	5,618,610	Tomita et al.	04/08/1997	
	5,623,888	Zafiroglu	04/29/1997	
	5,635,275	Biagioli et al.	06/03/1997	
\neg	5,654,076	Trokhan et al.	08/05/1997	
	5,756,112	Mackey	05/26/1998	
	5,980,673	Takeuchi et al.	11/09/1999	
	5,980,922	Mackey et al.	11/09/1999	
1.	6,180,214	Nissing et al.	01/30/2001	
CK	6,270,875	Nissing	08/07/2001	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FC Office ³	REIGN PATENT Number ⁴	Kino	NT I Code ⁵ known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T°
42		EP	0 872 206		A1	Shizuno et al.	10/21/1998		
GL		FR	2,355,950	7	A1	Nortene S.A.	01/01/1978		V
96		GB	1,276,228			Paper Converting Machine Co. Inc.	06/01/1972		
GC		wo	91/01396	/	A1	Leone	02/07/1991		
	ļ								

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
EXAMINER	צע א	DATE CONSIDERED 4/29/23 DATE CONSIDERED 4/29/						

EXAMINER: hrifal if researce considered, whether or not citation is in conformance with M.P.E.P conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Please type a	plus sig	n (+) inside this $\omega \circ \dot{x} \to [+]$ FEB	وي 1 7 2002 عي.	ORIGINAL	Approve		PTO/SB08A (10- igh 10/31/2002 OMB 0651-00
Under the Pa	, perwork	Reduction Act of 1995, no persons are	required to respo		on of information unles	s it contains a va	
	S	substitute for form 1449A/PTO	RADEN		COMPL	ETE IF KNO)WN_
				Application	n Number	09/957/	108
INF	ORN	MATION DISCLOS	SURE	Confirmat	ion Number	4734	
STA	TEI	MENT BY APPLIC	CANT	Filing Date First Named Inventor		September 20, 2001 Nicholas James Nissing	
	(use	e as many sheets as necessary)					
				Group Art	Unit	1771	
				Examiner	Name		
SHEET	l of l			Attorney I	Docket Number	7005R	
			U. S. PAT	ENT DOC	UMENTS		
EXAMINER INITIALS*	Cite No.1	DOCUMENT NUMBER	Publica	ation Date	Name of Patentee	or Applicant of	Pages, Columns, Lines Where Relevant Passages or Relevant
INTERNEO .		Number - Kind Code ² (if known)	MM-D	D-YYYY	Cited Doc		Figures Appear
96	1	US-3,958,055	05/17/1976		Hadley et al.		
61	2	US-6,060,149	05/09/2000		Nissing et al.	,	O _A

FOREIGN PATENT DOCUMENTS

46-	j 1	1 05-3,958,055	05	11/19/0	nauley et al.		
41	2	US-6,060,149	05	/09/2000	Nissing et al.	D _h	
10	3	US-6,153,208	11	/28/2000	McAtee et al.		
		US-					
	<u> </u>	US-				MAR SIL	
		US-					
		US-				~ * 2no ~ ~	
	1	US-				y , "02	
EXAMINER	Cite	FOREIGN PATENT DO Country Code ³ Number ⁴	CUMENT Kind Code ⁵	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines Where Relevant Passages or Relevant Figures	
						Where Relevant Passages	
NITIALS'	No.	Country Code Humber	(if known)	MM-DD-YYYY	Cited Document	Appear	
							L_
						ļ	
							_
	I	[
	 				T =		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER NITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
EXAMINER	9	and of MI Ola DATE CONSIDERED/19/85							

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.